TO BUILDERS, SHIP-BUILDERS, and OTHERS VISITING the GREAT EXHIBITION.—In CLASS 5, at the PATENT STEAM BREWERY, is a TRUSS GIRDER, or PLANK, which only requires to be seen to show it is one of the best modern improvements in trussing. For further particulars, apply at 205, High-street, Aldgate, City, or at the Office of "The Builder," 1, York-street, Covent Garden.

ILLUSTRATED TRADE LISTS; containing much information useful for reference; also unsolicited testimonials respecting a MATERIAL which, when well executed, is probably superior to every other for drains or conduits, for ridges, hips, valleys, and every part of roofs, for plain or checquered floors, for paving and erections, of a strong and durable nature, also many other purposes, supplied gratis, by THOMAS PEAKE (proprietor of Peake's "Terro-Metallic"), No. 4 WHARF, CITY-ROAD BASIN, LONDON, and at THE TILERIES, TUNSTALL, STAFFORDSHIRE. The lists contain both prices by number and approximate cost by measure. It is solicited that letters be prepaid, and state if Staffordshire or London prices are wanted. Specimens at the GREAT EXHIBITION, Class 27, No. 123 (having been at first No. 111).

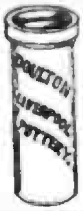
SMITH'S REGISTERED AUTOMATON CLOSET-PAN and TRAP .... 7s. 6d.
WITH OUTLET JUNCTION and AIR-TIGHT CAP for communication with the trap and drain-pipe, extra ..... 2s. 0d.

The above are adapted for general purposes, but were expressly designed for connection with SMITH'S REGISTERED AUTOMATON, or SELF-ACTING FLUSHER, forming together the cheapest and most efficient water-closet ever introduced; detailed particulars and prices of which may be had of THOS. SMITH, Stone Ware Drain Pipe Manufacturer, 73, Prince's-street, Lambeth.

STOCK and SON'S SOIL-PAN SERVICE-BOX.

The object of this contrivance is to facilitate the introduction of sanitary improvements into the dwellings of the working classes, by the adoption of such an arrangement of cheap soil-pan apparatus as will enable the "constant supply system" of water service to be made available for the removal of the refuse, by preventing the enormous waste of water in places of this description, to which water companies now so strongly and so properly object. By the use of this service-box an ample supply of water is obtained, without the possibility of its being wasted by propping the valve, weighting the handle, or by other means. It is so constructed that, as long as the discharge-valve remains open, a further supply cannot enter the service-box from the main.—Drawings and description may be obtained from STOCK and SON, manufacturers of plumbers' brass-work, gas-fittings, and church furniture, in iron and brass, Temple-street, Birmingham.

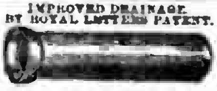
JOHN DOULTON, JUN.,
LIVERPOOL POTTERY,
ST. HELENS, LANCASHIRE.



The most economical and efficient system of Drainage is formed with
DOULTON'S STONE-WARE PIPES.
Testimonials as to their superiority have been received from the Borough Engineers of Liverpool, Glasgow, and other cities.

FIRE-CLAY FLUE PIPES
TERRA COTTA CHIMNEY TOPS, &c. &c.
WAREHOUSE, 70, SOHO-STREET,
LIVERPOOL.

IMPROVED DRAINAGE.
BY ROYAL LETTERS PATENT.

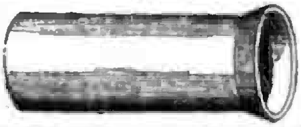


STANDING, FRANKLIN, & STANDING, Sole Patentees and Manufacturers of the PATENT GLAZED STONE WARE SEWAGE PIPE. Offices, 25, Cornhill, entrance in Change-alley; Factory, Grandon's Wharf, Commercial-road, Limehouse.

By employing their patent machinery, S. F. and S. are enabled to produce a pipe for sewage and other purposes in every way far superior to those made by any other process, but more especially in those qualities so absolutely essential to a perfect and cleanly mode of drainage. From the great and uniform amount of pressure, and peculiar construction of the machinery (allowing the air to escape), used in manufacturing, their pipes are entirely free from air-bubbles, proving their greater strength, durability, and entirely preventing the contents percolating through; they are much smoother on the inside, insuring a perfect passage for the sewage, and preventing any deposit.

Specimens may be seen at the offices, 25, Cornhill, where prices, &c. may be obtained, and licences granted for the use of the patent machine.

TO BUILDERS.
DOUBLE GLAZED STONE-WARE
DRAIN PIPES.



BATSTONE'S POTTERY, Ferry street, High-street, Lambeth.
A liberal discount allowed to the trade.

GREAT REDUCTION in PRICES.
GLAZED STONE WARE DRAIN PIPES.

DAVID MOUNTAGUE (late Turner and Mountague), Leigh Pottery, near Southend, Essex, now offer to the public Glazed Stone Ware Drain Pipes of the best quality at the following reduced prices:—

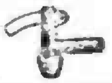
Straight Tubes with Socket Joints, in 2-feet lengths.

1 in.	2 in.	4 in.	6 in.	9 in.	12 in.	15 in.	18 in.
1d.	2½d.	4½d.	6d.	10d.	1s. 4½d.	2s. 3d.	2s. 3d. per foot.

Closet pans 4s. each; Traps 2s.; Bends, Junctions, Filters, Jars, Bottles, Chemicals, &c. &c. at reduced prices in proportion. A discount on the above prices dependent on quantity and mode of payment. Orders received at and executed from his Wharfs, Falcon Wharf, 25, Bankside, Blackfriars; Harrow-bridge Wharf, Stratford, Essex; and at his Cement Works, Orchard-house, Blackwall.

THOS. LAMBERT and SON,

PATENTEES of the
Flexible Diaphragm and
High-pressure
Valve Cocks,



Equilibrium Ball Valves, and Self-acting Water-closets; manufacturers of Hydraulic, Gas, and Steam Fittings, Tin, Lead, and Composition Pipes.
SHORT-STREET, NEW CUT, LAMBETH, LONDON.

TO ARCHITECTS, BUILDERS, &c.
ATTENTION IS REQUESTED TO THE
DIRECT ACTION BALL TAPS,
invented and patented by H. THOMPSON, C.E.

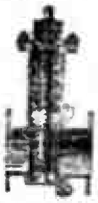
In these Taps the old fashioned lever is done away with, whose dancing action, whilst the water was being admitted, soon wore out the cone, and rendered the cock unsound.

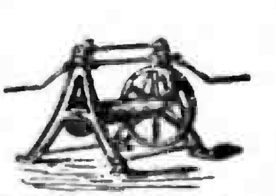
The Direct Action Ball Taps cannot stop up or down, thereby either flooding or leaving premises with no water; a fault which all similar contrivances possess in an eminent degree.

They will fill a reservoir in less time than any other tap of similar dimensions, on account of the water-way remaining fully open until the water in the cistern is within one inch of the required level, when they shut off without the possibility of leakage.

The perpendicular principle, with compensating valve inside, renders this action unerring and perfect under any pressure whatever.

Specimens can be seen in action at the office; and all necessary information, with drawings, forwarded by application to HARCOURT THOMPSON and CO., Engineers, 25, Parliament-street, Westminster.





IMPROVED SLUICE COCKS for Water, Gas, or Steam, Brass-faced, and Sluices raised by square-thread engine-turned Screw working in Brass Nut, in every respect as good as can be manufactured, are offered at the following prices per inch:—

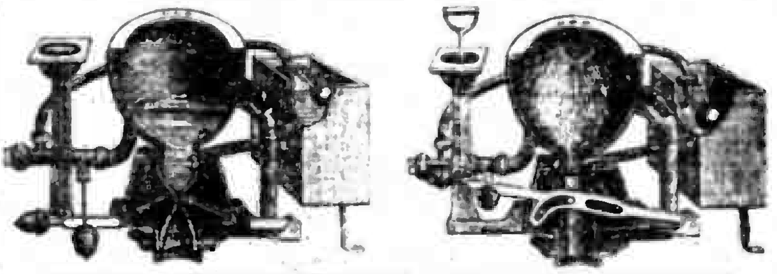
2-inch.	3 and 4-inch.	5 to 9-inch.	10 to 12-inch.
12s.	11s.	12s.	12s.

Lithographs of the improved self-lubricating, and various other constructions, with descriptions and prices attached, may be had on application.

Single-purchase Builders' Crabs, as above, fitted with Two Handles, and Wrought Iron Braces and Spindles, with bolt to throw in and out of gear, price 5l. each. Delivered in London free.

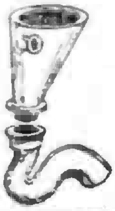
BARRETT, EXALL, AND ANDREWES,
Katesgrove Iron Works, Reading.
Agents in London—DEANE, DRAY, and DEANE, where the above may be seen.

JENNINGS'S INDIA-RUBBER TUBE CLOSETS,
as fixed in the
SUPERIOR REFRESHMENT COURTS AT THE EXHIBITION,
and acting from the main without the usual Cranks, Wires, Valve, Service-box, &c. &c.



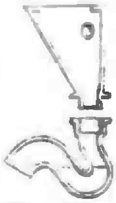
Architects, Builders, and Plumbers visiting the EXHIBITION are invited to inspect G. JENNINGS'S INVENTIONS at his stall, in CLASS 22.
For further particulars and descriptive drawings of the INDIA-RUBBER TUBE COCKS, SHOP SHUTTER SHOES, &c. apply to the Patentee,
G. JENNINGS, 29, GREAT CHARLOTTE-STREET, BLACKFRIARS-ROAD.

REGISTERED CLOSET PANS WITH STRAIGHT BACKS.
(No. 2396.)

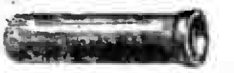


DOULTON AND WATTS,
LAMBETH POTTERY LONDON,
Offer their CLOSET PANS OF IMPROVED FORM WITH SYPHON TRAPS at the Price of the Common shaped Pans.
Price 7s. 6d. each.
A Liberal Discount allowed to Builders and Plumbers.

N.B.—Patterns Nos. 1, 2, 3, and 4, as in former Advertisements, manufactured as usual.
*** The advantage of these Registered straight-back Pans is their greater CLEANLINESS.
Patterns Nos. 1, 2, 3, and 4, as in former advertisements, manufactured as usual.



HENRY DOULTON AND CO.'S DRAIN PIPES IN GLAZED STONE WARE.



OFFICES—HIGH-STREET, LAMBETH, LONDON, and Granville-street Wharf, Broad street, Birmingham.
MANUFACTORIES—High-street, Lambeth, London; and Birmingham Pottery, Rowley Regis, Staffordshire.

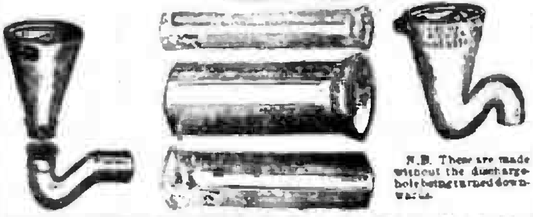
May also be had as follows:—

BIRMINGHAM........Granville-street Wharf.
GLOUCESTER........Mr. Jesse Seamons.
NORTHAMPTON........Messrs. Adnitt and Greenough.
WORCESTER........Messrs. Rowland and Son.
COVENTRY........Mr. J. Alcott.
CHELTENHAM........Mr. J. Bizzard.
LEICESTER........Messrs. J. and W. Jackson.
WOLVERHAMPTON Mr. R. Shenton.
TAUNTON........Mr. Geo. Pollard.
STRATFORD-ON-AVON Messrs. J. Cox and Son.

SPECIMENS of DOULTON'S PIPES and TERRA COTTA may be seen at THE GREAT EXHIBITION, Hyde Park, outside the building, west end, north side, and in Class 27.

STRAIGHT TUBES WITH SOCKET JOINTS from 1 inch to 24 inches in diameter. BENDS, JUNCTIONS, TRAPS, &c. OF EVERY DESCRIPTION. Drawings, with prices, &c., will be forwarded free on application as above.

JAMES STIFF, MANUFACTURER of GLAZED STONE WARE DRAIN PIPES,
BENDS, JUNCTIONS, TRAPS, &c., 39, HIGH STREET, LAMBETH, LONDON. Established 1751.
Water Closet Pans, with Syphon Traps, 7s. 6d. each.
STRAIGHT TUBES, with Socket Joints, in 2 feet lengths.



N.B. These are made without the discharge-hole being turned downwards.

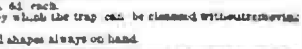
The great advantages attending the use of these articles are now so generally understood, as to render any enumeration of them almost superfluous. Their cheapness, efficiency, and durability, are universally admitted; while the rapidly increasing demand for them proves their estimated superiority over every other kind hitherto before the public for similar purposes.

Inspection is invited to an assorted stock of Drain Tubes, of every form and size, adapted to the various situations for which they may be required; as also to the WATER-CLOSET PANS OF IMPROVED CONSTRUCTION, and interior glaze far surpassing any other manufactured of Brown Stone Ware.

May be had also at Messrs. GLADDISH'S LIME WHARFS, Pedlar's Acre, Westminster-bridge; City-road Wharf, City Basin; Deckhead, Bermondsey; Danvers Wharf, foot of Battersea-bridge, Chelsea; Pratt Wharf, King's-road, Camden New Town.
Drawings and List of Prices will be forwarded on application.

STEPHEN GREEN and CO.'S IMPROVED DRAIN PIPES,
GLAZED INSIDE.—WORKS, IMPERIAL POTTERIES, PRINCES-STREET, LAMBETH.
Common-shape Closet Pans, well glazed inside, 7s. 6d. each.
Extra, if fitted with the patent air-tight valve, by which the trap can be cleansed without removing the seat, 1s. 6d. each.
Various patterns of improved shapes always on hand.

Straight Tubes, Junctions, Bends, Curves, Elbows, Syphon-traps, Flap-traps, Urinals, Surface-sinks, and increasing Pipes always kept in stock.
Manufacturers of the



PATENT SYPHON FLUSHING-BASIN, WITHOUT METAL SPREADER, WITH SELF-ACTING CLOSET CONNECTIONS. Specimens of Pipes and Closets at the Great Exhibition, Classes 22 and 27.
For illustrative drawings and testimonials, see BUILDER, May 31, 1851.

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